

ABSTRACT OF THE DISCLOSURE

A cobalt-chromium-boron-platinum sputtering target alloy having multiple phases. The alloy can include Cr, B, Ta, Nb, C, Mo, Ti, V, W, Zr, Zn, Cu, Hf, O, Si or N. The alloy is prepared by mixing Pt powder with a cobalt-chromium-boron master alloy, ball milling the powders and HIP'ing to densify the powder into the alloy.